

Contributors to this Issue

J. H. KASLEY, Wheeling Technical College; Westinghouse Machine Company, 1898-1902; Western Electric Company, Inspection Branch, N. Y. C., 1905-07; Chief Process Inspector, New York and Hawthorne, 1908-09; Chief of Manufacturing Layout Department, 1913; Planning Engineer, 1915; Assistant Technical Superintendent, 1920; Superintendent of Manufacturing Planning, 1926; Hawthorne Works Operating Superintendent, 1927-.

F. P. HUTCHISON, B.S. in Mechanical Engineering, University of Missouri, 1916; Western Electric Company, Manufacturing and Installation Departments, 1916-. Mr. Hutchison has been engaged largely on manufacturing, planning, development, and design.

CARL R. ENGLUND, B.S. in Chemical Engineering, University of South Dakota, 1909; University of Chicago, 1910-12; professor of physics and geology, Western Maryland College, 1912-13; laboratory assistant, University of Michigan, 1913-14; Bell Telephone Laboratories, 1914-. Experimental work in radio communication is the field to which Mr. Englund has largely devoted himself since coming to the Laboratories.

J. G. FERGUSON, B.S., University of California, 1915; M.S., 1916; research assistant in physics, 1915-16; Bell Telephone Laboratories, 1917-. Mr. Ferguson's work has been in connection with the development of methods of electrical measurement.

B. W. BARTLETT, A.B., Bowdoin College, 1917; West Point, 1917-19; B.S., Massachusetts Institute of Technology, 1921; 1st Lieutenant, Engineers' Corps, 1919-22; M.A., Columbia, 1926. Mr. Bartlett was with the Bell Telephone Laboratories from 1922 to 1927, engaged in bridge development and measurement work. He returned to Bowdoin in 1927 as Professor of Physics.

O. J. ZOBEL, A.B., Ripon College, 1909; A.M., Wisconsin, 1910; Ph.D., 1914; instructor in physics, 1910-15; instructor in physics, Minnesota, 1915-16; Engineering Department, American Telephone and Telegraph Company, 1916-19; Department of Development and Research, 1919-. Mr. Zobel has made important contributions to circuit theory in branches other than the subject of wave filters.

R. V. L. HARTLEY, A.B., Utah, 1909; B.A., Oxford, 1912; B.Sc., 1913; instructor in physics, Nevada, 1909-10; Engineering Depart-

ment, Bell Telephone Laboratories, 1913-. Mr. Hartley is in charge of researches in the field of carrier current, telephone repeater, and telegraph systems.

H. A. AFFEL, S.B. in Electrical Engineering, Massachusetts Institute of Technology, 1914; research assistant in electrical engineering, 1914-16; Engineering Department and the Department of Development and Research, American Telephone and Telegraph Company, 1916-. Mr. Affel has been engaged chiefly in development work connected with carrier telephone and telegraph systems.

CHARLES S. DEMAREST, E.E., University of Minnesota, 1911; American Telephone and Telegraph Company, Engineering Department, 1911-19; Department of Development and Research, 1919-. Mr. Demarest's work has been connected with the development of equipment for toll telephone systems, including that for long distance cables, carrier and radio systems.

C. W. GREEN, B.S. in Electrical Engineering, University of Wisconsin, 1907; instructor and assistant professor, Massachusetts Institute of Technology, 1907-17; captain 1917, major 1918, U. S. Army; Bell Telephone Laboratories, 1919-. Mr. Green's work has had to do with the development of carrier telephone systems and voice frequency repeaters.